

Abstract

The invention relates to a method, a device and a computer programme product, for determining the effects that limiting the cycle time for partial processes in a production process have on the quality parameters of the production process. A limitation (240.2) of the set cycle time for at least one partial process of a serial production process and, furthermore, a set cycle time for the entire production process are set. According to the invention, two parameters for the production process may be automatically determined by means of a random sample: the degree of delivery reliability (TTG) and the average storage duration. With constant throughput the latter is proportional to the average storage stock of ready products. The invention is particularly useful for the prior testing of the effects of various cycle time limitations for various partial processes.